

DECLARATION FOR PATENT APPLICATION

Docket Number
GJH-0001

COPY

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HYDROTREATING OF RAW VIRGIN DISTILLATES USING NOVEL BULK MULTIMETALLIC CATALYSTS**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on January 14, 2000 as United States Application Number _____ or PCT International Application Number PCT/US00/00980 and was amended on August 14, 2000 (under PCT Article 34 with US/PEA) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or Inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose the information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>09/231,156</u> (Application Number)	<u>January 15, 1999</u> (Filing Date)	<u>Patented</u> (Status—patented, pending, abandoned)
<u>08/900,389</u> (Application Number)	<u>July 15, 1997</u> (Filing Date)	<u>Patented</u> (Status—patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Names	Registration Numbers
James H. Takemoto	28,272
Gerard J. Hughes	41,855
Paul E. Purwin	29,203

ADDRESS ALL TELEPHONE CALLS TO:
ADDRESS ALL CORRESPONDENCE TO:

Gerard J. Hughes at telephone number (225) 977-4942
ExxonMobil Research & Engineering Company
(formerly Exxon Research & Engineering Company)
P.O. Box 900
Annandale, New Jersey 08801-0900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor

<u>Kenneth</u> GIVEN NAME	<u>Lloyd</u> MIDDLE INITIAL OR NAME	<u>Riley</u> FAMILY (OR LAST NAME)
------------------------------	--	---------------------------------------

Inventor's Signature

Date June 29, 2001 Country of Citizenship United States of America

City of Residence Baton Rouge, Louisiana

Post Office Address 1289 Rodney Drive
Baton Rouge, Louisiana 70808

☒ Additional Inventors are being named on separately numbered sheets attached hereto.

ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS

Full name of second joint inventor, if any

Darryl
GIVEN NAMEPatrick
MIDDLE INITIAL OR NAMEKlein
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship

United States of America

City of Residence

Ellicott City, Maryland

Post Office Address

10252 Wetherburn RoadEllicott City, Maryland 21042-1682

Full name of third joint inventor, if any

Zhiguo
GIVEN NAME
MIDDLE INITIAL OR NAMEHou
FAMILY (OR LAST NAME)Inventor's Signature Zhiguo Hou

Date

July 23, 2001

Country of Citizenship

United States of America

City of Residence

Baton Rouge, Louisiana

Post Office Address

2028 Oakdale DriveBaton Rouge, Louisiana 70810

Full name of fourth joint inventor, if any

Stuart
GIVEN NAMELeon
MIDDLE INITIAL OR NAMESoled
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship

United States of America

City of Residence

Pittstown, New Jersey

Post Office Address

21 Cooks Cross RoadPittstown, New Jersey 08867

Full name of fifth joint inventor, if any

Michael
GIVEN NAMECharles
MIDDLE INITIAL OR NAMEKerby
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship

United States of America

City of Residence

Baton Rouge, Louisiana

Post Office Address

10731 McShay AvenueBaton Rouge, Louisiana 70810

ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS

Full name of sixth joint inventor, if any

Gary Brice McVicker
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date _____ Country of Citizenship United States of America

City of Residence Califon, New Jersey

Post Office Address 65 Main Street, P.O. Box 427

Califon, New Jersey 07830

Full name of seventh inventor, if any

Edward Stanley Ellis
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date _____ Country of Citizenship United States of America

City of Residence Fairfax, Virginia

Post Office Address 9295 Tower Side Drive, Apt. 224

Fairfax, Virginia 22031

Full name of eighth joint inventor, if any

Michele Sue Touville
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date 7/2/01 Country of Citizenship United States of America

City of Residence Baton Rouge, Louisiana

Post Office Address 7222 Wickham Drive

Baton Rouge, Louisiana 70808

Full name of ninth joint inventor, if any

Sabato _____ Miseo
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date _____ Country of Citizenship United States of America

City of Residence Pittstown, New Jersey

Post Office Address 770 Country Road 579

Pittstown, New Jersey 08867

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Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
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_____ (Application Number)	_____ (Filing Date)

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Paul E. Purwin	29,203

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Full name of sole or first inventor

<u>Kenneth</u> GIVEN NAME	<u>Lloyd</u> MIDDLE INITIAL OR NAME	<u>Riley</u> FAMILY (OR LAST NAME)
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Inventor's Signature

Date _____ Country of Citizenship United States of America
City of Residence Baton Rouge, Louisiana
Post Office Address 1289 Rodney Drive
Baton Rouge, Louisiana 70808

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Full name of second joint inventor, if any

Darryl Patrick Klein
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date _____ Country of Citizenship United States of America
City of Residence Ellicott City, Maryland
Post Office Address 10252 Wetherburn Road
Ellicott City, Maryland 21042-1682

Full name of third joint inventor, if any

Zhiguo Hou
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date _____ Country of Citizenship United States of America
City of Residence Baton Rouge, Louisiana
Post Office Address 2028 Oakdale Drive
Baton Rouge, Louisiana 70810

Full name of fourth joint inventor, if any

Stuart Leon Soled
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date June 25, 2001 Country of Citizenship United States of America
City of Residence Pittstown, New Jersey
Post Office Address 21 Cooks Cross Road
Pittstown, New Jersey 08867

Full name of fifth joint inventor, if any

Michael Charles Kerby
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature

Date 7/1/01 Country of Citizenship United States of America
City of Residence Baton Rouge, Louisiana
Post Office Address 10731 McShay Avenue
Baton Rouge, Louisiana 70810

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Full name of sixth joint inventor, if any

Gary _____ Brice _____ McVicker _____
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature Gary Brice McVicker

Date 7/31/01 Country of Citizenship United States of America

City of Residence Califon, New Jersey

Post Office Address 65 Main Street, P.O. Box 427
Califon, New Jersey 07830

Full name of seventh inventor, if any

Edward _____ Stanley _____ Ellis _____
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature Edward Stanley Ellis

Date 7/2/01 Country of Citizenship United States of America

City of Residence Fairfax, Virginia

Post Office Address 9295 Tower Side Drive, Apt. 224
Fairfax, Virginia 22031

Full name of eighth joint inventor, if any

Michele _____ Sue _____ Touvelle _____
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship United States of America

City of Residence Baton Rouge, Louisiana

Post Office Address 7222 Wickham Drive
Baton Rouge, Louisiana 70808

Full name of ninth joint inventor, if any

Sabato _____ Miseo _____
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature Sabato Miseo

Date 6-25-01 Country of Citizenship United States of America

City of Residence Pittstown, New Jersey

Post Office Address 770 Country Road 579
Pittstown, New Jersey 08867

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Full name of sole or first inventor

<u>Kenneth</u> GIVEN NAME	<u>Lloyd</u> MIDDLE INITIAL OR NAME	<u>Riley</u> FAMILY (OR LAST NAME)
------------------------------	--	---------------------------------------

Inventor's Signature

Date	_____	Country of Citizenship	<u>United States of America</u>
City of Residence	<u>Baton Rouge, Louisiana</u>		
Post Office Address	<u>1289 Rodney Drive</u> <u>Baton Rouge, Louisiana 70808</u>		



Additional Inventors are being named on separately numbered sheets attached hereto.

ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS

Full name of second joint inventor, if any

Darryl
GIVEN NAMEPatrick
MIDDLE INITIAL OR NAMEKlein
FAMILY (OR LAST NAME)Inventor's Signature Darryl Patrick KleinDate June 27, 2001Country of Citizenship United States of AmericaCity of Residence Ellicott City, MarylandPost Office Address 10252 Wetherburn RoadEllicott City, Maryland 21042-1682

Full name of third joint inventor, if any

Zhiguo
GIVEN NAME
MIDDLE INITIAL OR NAMEHou
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship United States of AmericaCity of Residence Baton Rouge, LouisianaPost Office Address 2028 Oakdale DriveBaton Rouge, Louisiana 70810

Full name of fourth joint inventor, if any

Stuart
GIVEN NAMELeon
MIDDLE INITIAL OR NAMESoled
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship United States of AmericaCity of Residence Pittstown, New JerseyPost Office Address 21 Cooks Cross RoadPittstown, New Jersey 08867

Full name of fifth joint inventor, if any

Michael
GIVEN NAMECharles
MIDDLE INITIAL OR NAMEKerby
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____

Country of Citizenship United States of AmericaCity of Residence Baton Rouge, LouisianaPost Office Address 10731 McShay AvenueBaton Rouge, Louisiana 70810

**ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

Full name of sixth joint inventor, if any

Gary Brice McVicker
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature _____
Date _____ Country of Citizenship United States of America
City of Residence Califon, New Jersey
Post Office Address 65 Main Street, P.O. Box 427
Califon, New Jersey 07830

Full name of seventh inventor, if any

Edward Stanley Ellis
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature _____
Date _____ Country of Citizenship United States of America
City of Residence Fairfax, Virginia
Post Office Address 9295 Tower Side Drive, Apt. 224
Fairfax, Virginia 22031

Full name of eighth joint inventor, if any

Michele Sue Touvelle
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature _____
Date _____ Country of Citizenship United States of America
City of Residence Baton Rouge, Louisiana
Post Office Address 7222 Wickham Drive
Baton Rouge, Louisiana 70808

Full name of ninth joint inventor, if any

Sabato Miseo
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature _____
Date _____ Country of Citizenship United States of America
City of Residence Pittstown, New Jersey
Post Office Address 770 Country Road 579
Pittstown, New Jersey 08867

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
**Kenneth L. Riley, Darryl P. Klein, Zhigou Hou,
Stuart L. Soled, Michael C. Kerby, Gary B. McVicker,
Edward S. Ellis, Michele S. Touvelle, and
Sabato Miseo**Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: June 25, June 27, June 29, July 1, July
2, July 3, July 23, and July 31, 2001

2. Name and address of receiving party(ies):

Name: **ExxonMobil Research and Engineering
Company**Street Address: **P. O. Box 900**City: **Annandale** State: **New Jersey** ZIP: **08801-0900**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
**09/869,988 (US National Phase of
PCT/US00/00980)**

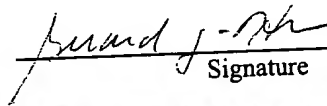
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning documents should be mailed:Name: **Gerard J. Hughes**
Internal Address: **ExxonMobil Research and
Engineering Company**
Mailing Address: **P. O. Box 900**
City: **Annandale** State: **New Jersey** ZIP: **08801-0900**

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 1.41): **\$40.00**☒ Authorized to be charged to deposit account8. Deposit account number: **05-1330**

DO NOT USE THIS SPACE

9. Statement and signature.
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
Copy of the original document.*Gerard J. Hughes
Name of Person Signing
SignatureAugust 21, 2001
Date

Total number of pages including cover sheet, attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:

COMMISSIONER OF PATENTS AND TRADEMARKS
BOX ASSIGNMENT
WASHINGTON DC 20231

ASSIGNMENT
INVENTOR or INVENTORS:

Kenneth L. Riley	Darryl P. Klein	Zhigou Hou	Stuart L. Soled
Michael C. Kerby	Gary B. McVicker	Edward S. Ellis	Michele S. Touvelle
Sabato Miseo			

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

HYDROTREATING OF RAW VIRGIN DISTILLATES USING NOVEL BULK MULTIMETALLIC CATALYSTS

said application having been executed on the 25, 27, 29 day(s) of June 2001 and being further identified as Case Number GJH-0001; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date _____	Inventor _____	(LS) Witness _____
	Kenneth L. Riley	
Date _____	Inventor _____	(LS) Witness _____
	Darryl P. Klein	
Date _____	Inventor _____	(LS) Witness _____
	Zhigou Hou	
Date <u>June 25, 2001</u>	Inventor <u>Stuart L. Soled</u>	(LS) Witness <u>Stuart L. Soled</u>
Date <u>7/1/01</u>	Inventor <u>Michael C. Kerby</u>	(LS) Witness <u>Michael C. Kerby</u>
Date <u>7/31/01</u>	Inventor <u>Gary B. McVicker</u>	(LS) Witness <u>Gary B. McVicker</u>
Date <u>July 3, 2001</u>	Inventor <u>Edward S. Ellis</u>	(LS) Witness <u>Edward S. Ellis</u>
Date _____	Inventor _____	(LS) Witness _____
	Michele S. Touvelle	
Date <u>6-25-01</u>	Inventor <u>Sabato Miseo</u>	(LS) Witness <u>Sabato Miseo</u>

ASSIGNMENT
INVENTOR or INVENTORS:

COPY

Kenneth L. Riley	Darryl P. Klein	Zhigou Hou	Stuart L. Soled
Michael C. Kerby	Gary B. McVicker	Edward S. Ellis	Michele S. Touvelle
Sabato Miseo			

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1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

HYDROTREATING OF RAW VIRGIN DISTILLATES USING NOVEL BULK MULTIMETALLIC CATALYSTS

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2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date <u>June 29, 2001</u>	Inventor <u>Kenneth L. Riley</u> Kenneth L. Riley	(LS)	Witness <u>Regina A. Tucker</u>	
Date _____	Inventor <u>Darryl P. Klein</u>	(LS)	Witness _____	
Date <u>July 23, 2001</u>	Inventor <u>Zhigou Hou</u> Zhigou Hou	(LS)	Witness <u>Regina A. Tucker</u>	
Date _____	Inventor <u>Stuart L. Soled</u>	(LS)	Witness _____	
Date _____	Inventor <u>Michael C. Kerby</u>	(LS)	Witness _____	
Date _____	Inventor <u>Gary B. McVicker</u>	(LS)	Witness _____	
Date _____	Inventor <u>Edward S. Ellis</u>	(LS)	Witness _____	
Date <u>7/4/01</u>	Inventor <u>Michele S. Touvelle</u> Michele S. Touvelle	(LS)	Witness <u>Regina A. Tucker</u>	
Date _____	Inventor <u>Sabato Miseo</u>	(LS)	Witness _____	

**ASSIGNMENT
INVENTOR or INVENTORS:**

Kenneth L. Riley	Darryl P. Klein	Zhigou Hou	Stuart L. Soled
Michael C. Kerby	Gary B. McVicker	Edward S. Ellis	Michele S. Touvelle
Sabato Miseo			

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

HYDROTREATING OF RAW VIRGIN DISTILLATES USING NOVEL BULK MULTIMETALLIC CATALYSTS

said application having been executed on the 25, 27, 29 day(s) of June 2001 and being further identified as Case Number GJH-0001; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date _____	Inventor _____	(LS)	Witness _____
	Kenneth L. Riley		
Date <u>June 27, 2001</u>	Inventor <u>Darryl P. Klein</u>	(LS)	Witness <u>Spence L. Prosser</u>
	Darryl P. Klein		
Date _____	Inventor _____	(LS)	Witness _____
	Zhigou Hou		
Date _____	Inventor _____	(LS)	Witness _____
	Stuart L. Soled		
Date _____	Inventor _____	(LS)	Witness _____
	Michael C. Kerby		
Date _____	Inventor _____	(LS)	Witness _____
	Gary B. McVicker		
Date _____	Inventor _____	(LS)	Witness _____
	Edward S. Ellis		
Date _____	Inventor _____	(LS)	Witness _____
	Michele S. Touvelle		
Date _____	Inventor _____	(LS)	Witness _____
	Sabato Miseo		